

APR 1960

Fig. 1.

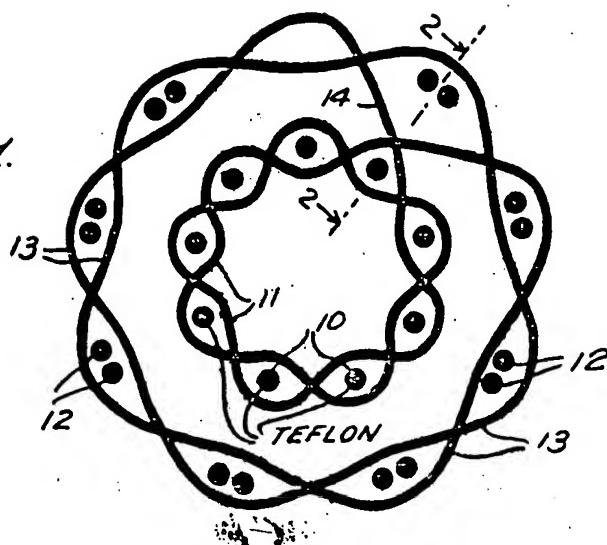


Fig. 2.

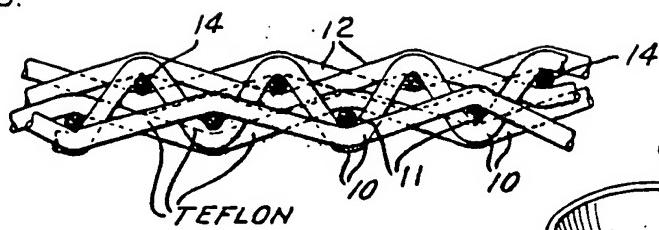


Fig. 3

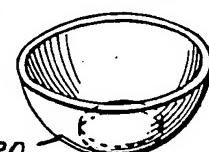


Fig. 5.

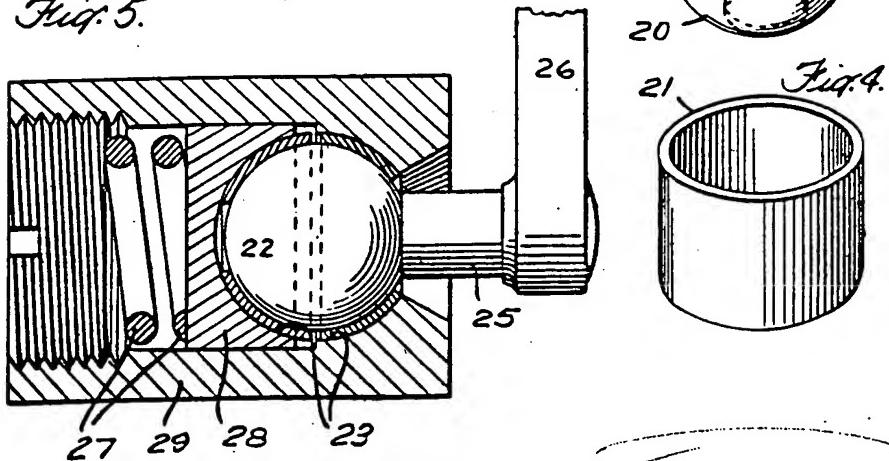
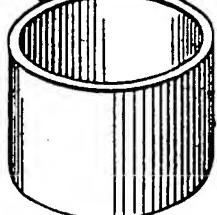


Fig. 4.



596265

THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:

1. In a ball and socket joint, a socket member having an inner ball receiving surface and a molded fabric bearing member secured to said surface, said bearing member comprising a two-ply fabric woven in tubular form, one of said plies forming a bearing surface and the other of said plies forming a bonding surface, each of said plies being comprised of warp yarns and chain yarns, the chain yarns of the two plies crossing at intervals between said plies to bind said plies together, the warp yarns of the plies forming the bearing surface comprising tetrafluoroethylene yarns and being mechanically bound by the chain yarns, and the warp yarns of the ply forming the bonding surface and the chain yarns of both plies being composed of a resin bondable yarn, and a bonding resin bonding the warp yarns and the chain yarns of the ply forming the bonding surface to said socket surface with said tetrafluoroethylene warp yarns comprising the bearing surface for said ball.
2. A bearing member as set forth in claim 1 wherein the yarns other than the tetrafluoroethylene yarns are composed of a condensation product of ethylene glycol and terephthalic acid whereby the bearing member is resistant to high temperatures.